

SCHEMATIC 5

SCHEMATIC OF A GENE

5 Transcription factor
Binding sites
Transcription
Translational
Start Site

Point CAAT TATA

10

Terminal



15

Enhancer 1 Enhancer 2
Transcription Start Site
Intron
Exon
Intron
Exon
Poly A
Signal

20

Promoter

5'UTR

Coding Region
(with introns)

3'UTR

25

Sequences/motifs that specific DNA conformation, chromatin conformation, extent and position of
base methylation and biding sites of proteins, that control of these.

Gene